

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
12 May 2005 (12.05.2005)

PCT

(10) International Publication Number
WO 2005/042179 A2

(51) International Patent Classification⁷: B21C 47/30

(21) International Application Number:
PCT/IB2005/000109

(22) International Filing Date: 18 January 2005 (18.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
UD2004A000006 19 January 2004 (19.01.2004) IT

(71) Applicant (for all designated States except US): DANIELI & C. OFFICINE MECCANICHE SPA [IT/IT]; Via Nazionale, I-33042 Buttrio (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BORDIGNONI, Giuseppe [IT/IT]; Via Roma, 10/2, I-33050 Bicinicco (IT). PAIARO, Ivan [IT/IT]; Via del Capitello, 75, I-34077 Ronchi Dei Legionari (IT). DE LUCA, Andrea [IT/IT];

Via Candotti, 61, I-33047 Remanzacco (IT). POLONI, Alfredo [IT/IT]; Via G. Paolini, 29, I-34070 Fogliano Redipuglia (IT).

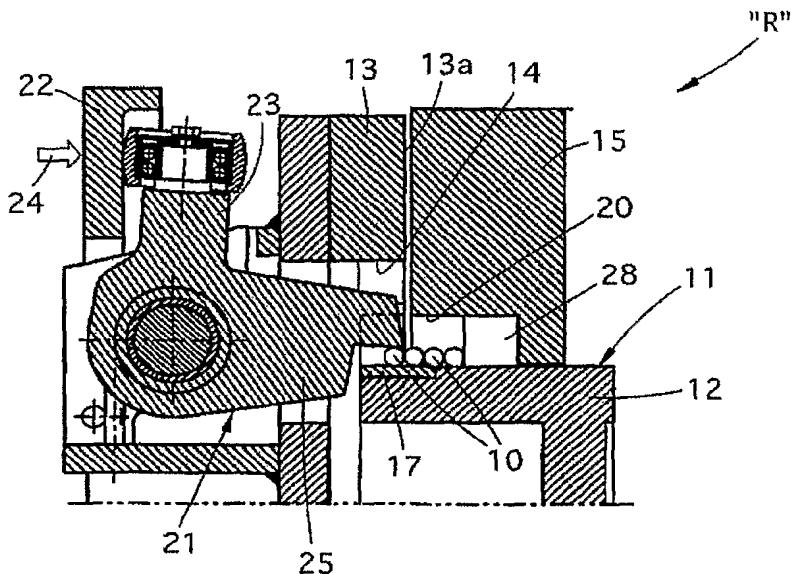
(74) Agents: PETRAZ, Gilberto et al.; GLP SRL, Piazzale Cavedalis, 6/2, I-33100 Udine (IT).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PII, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: COILING DEVICE AND METHOD FOR ROLLED OR DRAWN LONG PRODUCTS



WO 2005/042179 A2

(57) Abstract: Coiling device ("R") and relative method for a windable long, metal product (10). The device ("R") comprises a mandrel (12) having a substantially circular transverse section and rotating around a horizontal, vertical or inclined axis, and at least a guide and containing device (15, 16) which is driven between a first working position wherein it cooperates with the mandrel (12), and a second inactive position wherein it is arranged distant from the mandrel (12). The coiling device ("R") also comprises at least a clamping device (21) associated with the mandrel (12), which clamps at least temporarily an initial segment of the metal product (10).



FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

- *without international search report and to be republished upon receipt of that report*
- *without classification; title and abstract not checked by the International Searching Authority*

Published:

- *upon request of the applicant, before the expiration of the time limit referred to in Article 21(2)(a)*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.